L Number	Hits		DB	Time stamp
1	25	(ni nickel) with (strip\$4 remov\$3 clean\$3)	USPAT	2003/05/22 16:45
		with sulfuric with (nitric nitrobenzesulfonic)		
2	249486	printed adj3 (wire wiring board circuit)	USPAT;	2003/05/22 16:51
1			US-PGPUB;	}
			EPO; JPO;	
_	660		DERWENT	0000 (05 (00 16 5)
8	668	, · <u>·</u>	USPAT;	2003/05/22 16:54
) with (typical\$3 conventional\$3 known) with circuit with (resist photoresist)	US-PGPUB; EPO; JPO;	ł
		with circuit with (lesist photolesist)	DERWENT	
14	607	(printed adj3 (wire wiring board circuit)	USPAT	2003/05/22 16:54
) with (typical\$3 conventional\$3 known)	002	2000,00,22 20101
		with circuit with (resist photoresist)		
15	47	(printed adj3 (wire wiring board circuit)	USPAT	2003/05/22 17:12
) with (typical\$3 conventional\$3 known)		
Ī		with circuit with (resist photoresist)		
1.0	02000	with expos\$3 with develop\$4 with etch\$3		0000/05/00 10 15
16	83208	(benzotriazole carboxybenztriazole triazole bta! cbta! ta!)	USPAT	2003/05/22 18:45
17	70	l '	USPAT	2003/05/22 17:18
	, 0	triazole bta! cbta! ta!)) with (printed	JOLAI	2003/03/22 17:18
İ		adj3 (wire wiring board circuit))		
18	0		USPAT	2003/05/22 17:22
		triazole bta! cbta! ta!)) with (printed		
		adj3 (wire wiring board circuit)) with		
		(mercaptobenzothizole ((thiocyanuric oleic		
		linoleic) adj acid) benzimidazolethiol		
10	0	mbt! tca!)	, , , , , , , , , , , , , , , , , , ,	2002/05/00 17:00
19	U	((benzotriazole carboxybenztriazole triazole bta! cbta! ta!)) with (printed	USPAT	2003/05/22 17:22
		adj3 (wire wiring board circuit)) same		
		(mercaptobenzothizole ((thiocyanuric oleic		
		linoleic) adj acid) benzimidazolethiol		
		mbt! tca!)		
20	0	, ,	USPAT	2003/05/22 17:27
		triazole bta! cbta! ta!)) same (printed		
İ		adj3 (wire wiring board circuit)) same		
		(mercaptobenzothizole ((thiocyanuric oleic		
		linoleic) adj acid) benzimidazolethiol mbt! tca!)		
21	5		USPAT	2003/05/22 17:28
~	J) same (mercaptobenzothizole	JOSERI	2003/03/22 17:20
		((thiocyanuric oleic linoleic) adj acid)		1
		benzimidazolethiol mbt! tca!)	1	
22	2274	((benzotriazole carboxybenztriazole	USPAT	2003/05/22 18:40
		triazole bta! cbta! ta!)) same	1	
		(mercaptobenzothizole ((thiocyanuric oleic	1	
		linoleic) adj acid) benzimidazolethiol mbt! tca!)		
23	11	(((benzotriazole carboxybenztriazole	USPAT	2003/05/22 18:44
~~	11	triazole bta! cbta! ta!)) same	JOERI	2003/03/22 10:44
ļ		(mercaptobenzothizole ((thiocyanuric oleic		
		linoleic) adj acid) benzimidazolethiol		1
ŀ		mbt! tca!)) and (printed adj3 (wire	:	
		wiring board circuit)) .		
24	0	((benzotriazole carboxybenztriazole	USPAT	2003/05/22 17:46
		triazole bta! cbta! ta!)) and		
		(mercaptobenzothizole ((thiocyanuric oleic	ł	
		linoleic) adj acid) benzimidazolethiol mbt! tca!) and us-6319620-\$.did.		
25	1	(((benzotriazole carboxybenztriazole	USPAT	2003/05/22 17:48
	_	triazole bta! cbta! ta!)) or		10. 10. 11. 10
		(mercaptobenzothizole ((thiocyanuric oleic		
t		linoleic) adj acid) benzimidazolethiol	ŧ	
26	_	mbt! tca!)) and us-6319620-\$.did.	i 	
26	1	(more mixtures) and us-6319620-\$.did.	USPAT	2003/05/22 17:51
			_	

27	2274	((benzotriazole carboxybenztriazole triazole bta! cbta! ta!)) same	USPAT; US-PGPUB	2003/05/22 18:46
		<pre>(mercaptobenzothizole ((thiocyanuric oleic linoleic) adj acid) benzimidazolethiol mbt! tca!)</pre>		
30	11	(((benzotriazole carboxybenztriazole	USPAT;	2003/05/22 18:44
		triazole bta! cbta! ta!)) same (mercaptobenzothizole ((thiocyanuric oleic	US-PGPUB	
		linoleic) adj acid) benzimidazolethiol mbt! tca!)) and (printed adj3 (wire		
		wiring board circuit))		
33	98434	(benzotriazole carboxybenztriazole triazole bta! cbta! ta!)	USPAT; US-PGPUB	2003/05/22 18:45
36	2440	((benzotriazole carboxybenztriazole	USPAT;	2003/05/22 18:46
	Ú	triazole bta! cbta! ta!)) same (mercaptobenzothizole ((thiocyanuric oleic	US-PGPUB	
		linoleic) adj acid) benzimidazolethiol mbt! tca!)		
39	14	(printed adj3 (wire wiring board circuit)	USPAT;	2003/05/22 18:47
) and (((benzotriazole carboxybenztriazole triazole bta! cbta! ta!)) same	US-PGPUB	
		(mercaptobenzothizole ((thiocyanuric oleic		
		linoleic) adj acid) benzimidazolethiol mbt! tca!))		
_	30163	(cu copper) near2 foil	USPAT; US-PGPUB;	2003/05/22 11:12
			EPO; JPO;	
_	71779	(ni nickel) near2 (layer film coating	DERWENT USPAT;	2003/05/22 11:37
		material)	US-PGPUB; EPO; JPO;	
			DERWENT	
-	183570	(co cobalt) near2 (layer film coating material)	USPAT; US-PGPUB;	2003/05/22 11:18
		,	EPO; JPO;	
_	41781	 (zn zinc) near2 (layer film coating	DERWENT USPAT;	2003/05/22 11:28
		material)	US-PGPUB; EPO; JPO;	
			DERWENT	
_	669490	resist photoresist photo-resist photosensitive photo-sensitive (sensitive	USPAT; US-PGPUB;	2003/05/22 11:28
		near (photo light radiation energy))	EPO; JPO; DERWENT	
-	860659	(polymer\$3 organic resin) near2 (layer	USPAT;	2003/05/22 11:34
		film coating material)	US-PGPUB; EPO; JPO;	
_	667549	/matal matallia) nagra (layan film costing	DERWENT	2002/05/22 11.41
-	00/349	(metal metallic) near2 (layer film coating material)	USPAT; US-PGPUB;	2003/05/22 11:41
			EPO; JPO; DERWENT	
-	82640	((metal metallic) near2 (layer film	USPAT;	2003/05/22 11:42
		coating material)) same (ni nickel co cobalt zn zinc)	US-PGPUB; EPO; JPO;	
_	749	((cu copper) near2 foil) with (((ni	DERWENT USPAT;	2003/05/22 11:44
	/49	nickel) near2 (layer film coating	US-PGPUB;	2003/03/22 11:44
		<pre>material)) ((co cobalt) near2 (layer film coating material)) ((zn zinc) near2 (layer</pre>	EPO; JPO; DERWENT	
	305	film coating material)))		2002/05/22 11 52
_	325	<pre>laser near3 (((ni nickel) near2 (layer film coating material)) ((co cobalt) near2</pre>	USPAT; US-PGPUB;	2003/05/22 11:53
i	i	(layer film coating material)) ((zn zinc) near2 (layer film coating material)))	EPO; JPO; DERWENT	!
-	24345	laser near2 (drill\$3 pattern\$3 ablat\$5)	USPAT;	2003/05/22 11:49
			US-PGPUB;	
	<u>.</u>	, 1	DERWENT	<u> </u>

-	1	<pre>(laser near3 (((ni nickel) near2 (layer film coating material)) ((co cobalt) near2 (layer film coating material)) ((zn zinc) near2 (layer film coating material)))) with ((cu copper) near2 foil)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/22 11:52
-	3	<pre>(laser near3 (((ni nickel) near2 (layer film coating material)) ((co cobalt) near2 (layer film coating material)) ((zn zinc) near2 (layer film coating material)))) same ((cu copper) near2 foil)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/22 11:52
-	4	<pre>((laser near2 (drill\$3 pattern\$3 ablat\$5)) with (((ni nickel) near2 (layer film coating material)) ((co cobalt) near2 (layer film coating material)) ((zn zinc) near2 (layer film coating material))))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/22 11:53
-	58	<pre>same ((cu copper) near2 foil) (laser near2 (drill\$3 pattern\$3 ablat\$5)) with (((ni nickel) near2 (layer film coating material)) ((co cobalt) near2 (layer film coating material)) ((zn zinc) near2 (layer film coating material)))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/22 12:24
_	0	printed adj3 (wire wiring board circuit)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/22 16:49
_	0	printed adj wiring adj board	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/22 11:56
_	347	yamamoto-takuyain. kataoka-takahiin. hirasawa-yutakain. takahashi-naotomiin.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/22 12:15
_	248170	printed adj2 (board circuit wiring wire)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/22 12:17
-	73		USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/22 12:18
		(yamamoto-takuyain. kataoka-takahiin. hirasawa-yutakain. takahashi-naotomiin.) and (printed adj2	E	1
_	24345	(board circuit wiring wire)) (laser near2 (drill\$3 pattern\$3 ablat\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/22 12:41

			, . <u></u>	
-	500148	ni nickel	USPAT; US-PGPUB;	2003/05/22 12:25
			EPO; JPO;	
			DERWENT	
-	6157390	co cobalt	USPAT;	2003/05/22 12:26
			US-PGPUB;	
			EPO; JPO; DERWENT	
_	422861	zn zinc	USPAT;	2003/05/22 12:26
			US-PGPUB;	
			EPO; JPO;	
	97543	(cu copper) near2 (foil sheet film layer	DERWENT USPAT;	2003/05/22 12:28
-	9/545	(cu copper) hearz (for sheet film rayer coating)	US-PGPUB;	2003/03/22 12.20
		3.	EPO; JPO;	
			DERWENT	0000 (05 (00 10 00
-	55957	((ni nickel)) near2 (foil sheet film layer coating)	USPAT; US-PGPUB;	2003/05/22 12:32
		Tayer coacing/	EPO; JPO;	
			DERWENT	
-	179386	! ' '	USPAT;	2003/05/22 12:33
]		coating)	US-PGPUB; EPO; JPO;	
			DERWENT	
-	32452	((zn zinc)) near2 (foil sheet film layer	USPAT;	2003/05/22 12:41
		coating)	US-PGPUB;	
			EPO; JPO; DERWENT	
_	45	((laser near2 (drill\$3 pattern\$3 ablat\$5))	USPAT;	2003/05/22 12:36
) with ((((ni nickel)) near2 (foil sheet	US-PGPUB;	
		<pre>film layer coating)) (((co cobalt)) near2 (foil sheet film layer coating)) (((zn</pre>	EPO; JPO; DERWENT	
		zinc)) near2 (foil sheet film layer	DERWENT	
		coating)))		
-	8	, ,,	USPAT;	2003/05/22 12:39
		<pre>and (((laser near2 (drill\$3 pattern\$3 ablat\$5))) with ((((ni nickel)) near2</pre>	US-PGPUB; EPO; JPO;	
		(foil sheet film layer coating)) (((co	DERWENT	
		cobalt)) near2 (foil sheet film layer		
		coating)) (((zn zinc)) near2 (foil sheet		
_	74	<pre>film layer coating)))) ((laser near2 (drill\$3 pattern\$3 ablat\$5))</pre>	USPAT;	2003/05/22 12:38
) near3 ((ni nickel) (co cobalt) (zn	US-PGPUB;	2000,00,22 12.00
		zinc))	EPO; JPO;	
1_	17	 (printed adj2 (board circuit wiring wire))	DERWENT USPAT;	2003/05/22 12:39
	1,	and (((laser near2 (drill\$3 pattern\$3	US-PGPUB;	2003/03/22 12.39
		ablat\$5))) near3 ((ni nickel) (co	EPO; JPO;	
	1.0	cobalt) (zn zinc)))	DERWENT	2002/05/20 10:30
_	12	((printed adj2 (board circuit wiring wire)) and (((laser near2 (drill\$3	USPAT; US-PGPUB;	2003/05/22 12:39
		pattern\$3 ablat\$5))) near3 ((ni nickel)	EPO; JPO;	
		(co cobalt) (zn zinc)))) not ((printed	DERWENT	
[adj2 (board circuit wiring wire)) and (((laser near2 (drill\$3 pattern\$3		
		ablat\$5))) with ((((ni nickel)) near2		
		(foil sheet film layer coating)) (((co		
		cobalt)) near2 (foil sheet film layer		
		<pre>coating)) (((zn zinc)) near2 (foil sheet film layer coating)))))</pre>		
_	771	((laser near2 (drill\$3 pattern\$3 ablat\$5))	USPAT;	2003/05/22 13:13
) with ((metal metallic) near2 (foil sheet	US-PGPUB;	
		film layer coating))	EPO; JPO; DERWENT	;
	39	(((laser near2 (drill\$3 pattern\$3	USPAT;	2003/05/22 12:43
i	· I	ablat\$5))) with ((metal metallic) near2	US-PGPUB;	
İ		(foil sheet film layer coating))) same	EPO; JPO;	
L	<u> </u>	((ni nickel) (co cobalt) (zn zinc))	DERWENT	<u> </u>

-	15	1 , , , ,	USPAT;	2003/05/22 12:55
<u> </u>		ablat\$5))) with ((metal metallic) near2	US-PGPUB;	
}		(foil sheet film layer coating))) same ((ni nickel) (co cobalt) (zn zinc))) and	EPO; JPO; DERWENT	
	ł	((cu copper) near2 (foil sheet film layer	DERWENT	
		coating))		
 	207		USPAT;	2003/05/22 12:57
		coating)) same ((((ni nickel)) near2	US-PGPUB;	
]		(foil sheet film layer coating)) (((co	EPO; JPO;	
		cobalt)) near2 (foil sheet film layer	DERWENT	
		coating)) (((zn zinc)) near2 (foil sheet		
		film layer coating))) same laser		
-	74	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	USPAT;	2003/05/22 12:57
		and (((cu copper) near2 (foil sheet film	US-PGPUB;	
		<pre>layer coating)) same ((((ni nickel)) near2 (foil sheet film layer coating))</pre>	EPO; JPO; DERWENT	1
		(((co cobalt)) near2 (foil sheet film	DERWENT	
		layer coating)) (((zn zinc)) near2 (foil		
		sheet film layer coating))) same laser)		
-	71	((((ni nickel)) near2 (foil sheet film	USPAT;	2003/05/22 13:14
		layer coating)) (((co cobalt)) near2 (foil	US-PGPUB;	
		sheet film layer coating)) (((zn zinc))	EPO; JPO;	
		near2 (foil sheet film layer coating)))	DERWENT	
		with ((cu copper) near2 (foil sheet film		
		layer coating)) with (laser ablat\$5		
_	28	drill\$3) (((((ni nickel)) near2 (foil sheet film	USPAT;	2003/05/22 13:26
_	20	layer coating)) (((co cobalt)) near2 (foil	US-PGPUB;	2003/03/22 13.20
		sheet film layer coating)) (((zn zinc))	EPO; JPO;	
		<pre>near2 (foil sheet film layer coating)))</pre>	DERWENT	
		with ((cu copper) near2 (foil sheet film		
'		layer coating)) with (laser ablat\$5		
		drill\$3)) and (printed adj2 (board circuit		
		wiring wire))		0000 (05 (00 10 55
-	43		USPAT;	2003/05/22 13:57
		<pre>layer coating)) (((co cobalt)) near2 (foil sheet film layer coating)) (((zn zinc))</pre>	US-PGPUB; EPO; JPO;	i
		near2 (foil sheet film layer coating)))	DERWENT	1
		with ((cu copper) near2 (foil sheet film	<i>D</i> 222	
		layer coating)) with (laser ablat\$5		
		drill\$3)) not (((((ni nickel)) near2		
		(foil sheet film layer coating)) (((co		
		cobalt)) near2 (foil sheet film layer		
		coating)) (((zn zinc)) near2 (foil sheet		
		<pre>film layer coating))) with ((cu copper) near2 (foil sheet film layer coating))</pre>		l l
		with (laser ablat\$5 drill\$3)) and (printed		
		adi2 (board circuit wiring wire)))		
-	118	((cu copper) near2 (foil sheet film layer	USPAT;	2003/05/22 13:57
I		coating)) near4 ((laser near2 (drill\$3	US-PGPUB;	
	1	<pre>pattern\$3 ablat\$5)))</pre>	EPO; JPO;	
	-		DERWENT	
! -	70		USPAT;	2003/05/22 13:57
1		coating)) near4 ((laser near2 (drill\$3	US-PGPUB;	
		pattern\$3 ablat\$5)))) and (printed adj2	EPO; JPO;	
<u>-</u>	12	(board circuit wiring wire)) (((cu copper) near2 (foil sheet film layer	DERWENT USPAT;	2003/05/22 14:05
	12	coating)) near4 ((laser near2 (drill\$3	US-PGPUB;	2303,03/22 14.03
0 9	. 0	pattern\$3 ablat\$5)))) same (plat\$3	EPO; JPO;	
		electroplat\$3) same (resist photoresist)	DERWENT	
-	2		JPO;	2003/05/22 14:10
			DERWENT	
-	2	jp-2001347599-\$.did.	JPO;	2003/05/22 14:57
	_	2 - 00010C0070 A 424	DERWENT	
-	2	jp-2001262372-\$.did.	JPO;	2003/05/22 14:16
· _	, ,	; jp-2001239386-\$.did.	DERWENT JPO;	2003/05/22 14:17
, = i]b-5001533300-4.010.	DERWENT	2003/03/22 14:1/
·	 	l		i

<u>-</u>	1	((cu copper) near2 (foil sheet film layer	USPAT;	2003/05/22 14:58
		coating)) with (((laser near2 (drill\$3	US-PGPUB;	
		pattern\$3 ablat\$5))) near3 co2)	EPO; JPO;	
_	1	((cu copper) near2 (foil sheet film layer	USPAT;	2003/05/22 14:58
		coating)) with (((laser near2 (drill\$3	US-PGPUB;	
		pattern\$3 ablat\$5))) with co2)	EPO; JPO;	
			DERWENT	
-	15	((cu copper) near2 (foil sheet film layer	USPAT;	2003/05/22 15:04
		coating)) with (((laser near2 (drill\$3 pattern\$3 ablat\$5))) with "co.sub.2")	US-PGPUB; EPO; JPO;	
1		paccernys abracys,, , with co.sub.2 ,	DERWENT	
-	251	((cu copper) near2 (foil sheet film layer	USPAT;	2003/05/22 15:04
		coating)) with (((laser near2 (drill\$3	US-PGPUB;	
1		pattern\$3 ablat\$5))))	EPO; JPO;	
		//	DERWENT	0000/05/00 16 00
-	90	((cu copper) near2 (foil sheet film layer coating)) near3 (((laser near2 (drill\$3	USPAT; US-PGPUB;	2003/05/22 16:39
		pattern\$3 ablat\$5))))	EPO; JPO;	
			DERWENT	